

09/625421

Abstract Of The Invention

A vibratory conveying apparatus for conveying material. The apparatus includes a bed on which material is conveyed, a counterbalance supported on a plurality of isolation springs, a plurality of inclined drive springs extending between the bed and the counterbalance, and a plurality of stabilizers for controlling movement of the drive springs along their central axes. A first pair of vibratory motors, each having rotatable eccentric weights, and a second pair of vibratory motors, each having rotatable eccentric weights, are attached to the counterbalance. The eccentric weights rotate in phase with one another to vibrate the bed at a vibration frequency.

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